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Patents Cited by Inventor: 0
Patents Cited by Examiner: 0

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Patent Number(s):
DD226896-A

Title:
Prepn. of rapid crystallising polyethylene terephthalate - by reaction with polyester alcohol in melt

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Abstract:
A rapid crystallising polyethylene terephthalate (PETP) compsn. is prepnd. from PETP with mol. wt. above 20,000 and 5-100 x 10 power(-6) mols. of alkali(ne earth) ions/g PETP, by melt-mixing the PETP with 1-15 wt.% of a polyester alcohol with mol. wt. from above 2000 to 5000, consisting of a 2-10C aliphatic dicarboxylic acid and an alkane diol of formula HO(RO)_yH, and reacting the mixt. In the formula, R=2-10C hydrocarbon gp.; y=1-5.

ADVANTAGE - The compsn. can be injection moulded at below 110 deg. C to partially crystalline mouldings of high mechanical strength, without contamination of the appts. or emission of volatile components. /0

International Patent Classification:
C08G-063/76

Derwent Class:
A23 (Polyamides, polyesters, polycarbonates, alkyds)

Derwent Manual Code(s):
A05-E04B; A08-M10; A11-B02; A11-B12

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